GVOBNEBLTHVFJARTECSGKMCEUQCJ
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ZVT **HACKER ETHICS 2.0** KEJTSERL
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EUWZEKJITSEORLDFEOCWYPDAXQLD
CEUQCJG WAU HOLLAND STIFTUNG J
NESWASNEUKCFVGFSKHCTIONJKMPH

- born 1962 in northern Germany

- 1982 – 1989 Study „Theoretical Physics" und „Philosophy"
  (University Göttingen, University Heidelberg)

- since 1986 active in the Chaos Computer Club

- first Anti-Virus-Software world-wide *(Vienna-Virus, 1987)*

- since 1987 independent Softworker *(ESA, Cryptography,...)*

- since 1998 in Switzerland *(Dornach/SO and Zürich)*

- since 2003 founding member of the board of the
  Wau-Holland-Stiftung (WHS)

Hacker - Species

Black Hat

- „The dark side of the Force"

- Commercial / criminal

- „Secret knowledge"

Hacker - Species

Black Hat Conference

- since 1997 in the USA

- Nowadays world-wide

- Sister of DEFCON

- Established event

- Founder „Dark Tangent" is (or was?) consultant for DHS (Homeland Security) and ICANN

Hacker - Species

White Hat

- The harmless ones...

- Commercial / legalised

- Hacking as a job...

Hacker - Species

Gray Hat

- The political Hacktivists

- Anti-commercial: „No hacks for money"

- Ethical Guidelines

Hacker Ethics

Ethics, also known as *moral philosophy*, is a branch of philosophy that involves systematizing, defending, and recommending concepts of right and wrong conduct.

The term comes from the Greek word *ēthos* (ἦθος), which means "character". [...] In philosophy, ethics studies the moral behavior in humans, and how one should act.

Source: http://en.wikipedia.org/wiki/Ethics
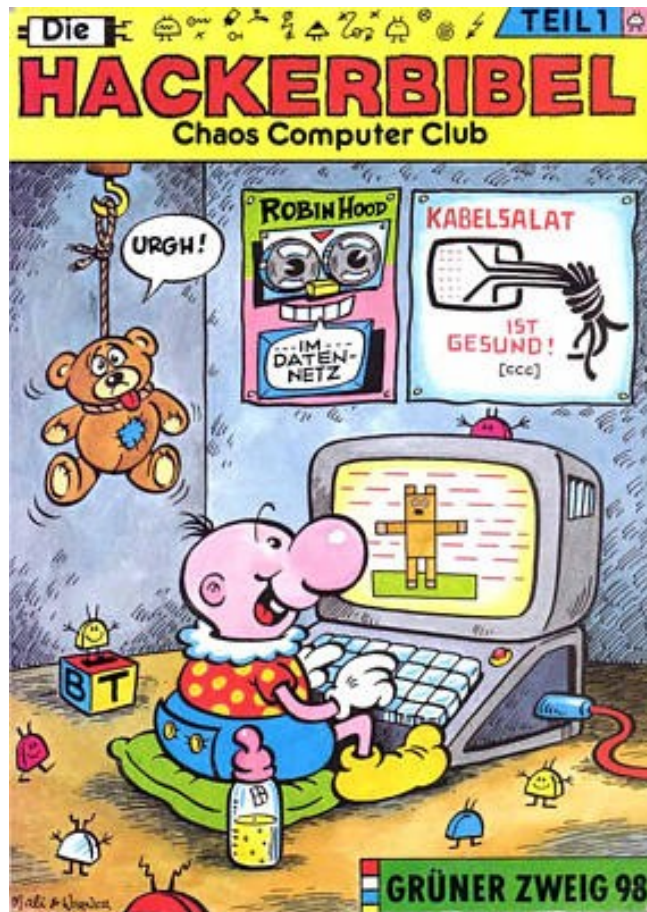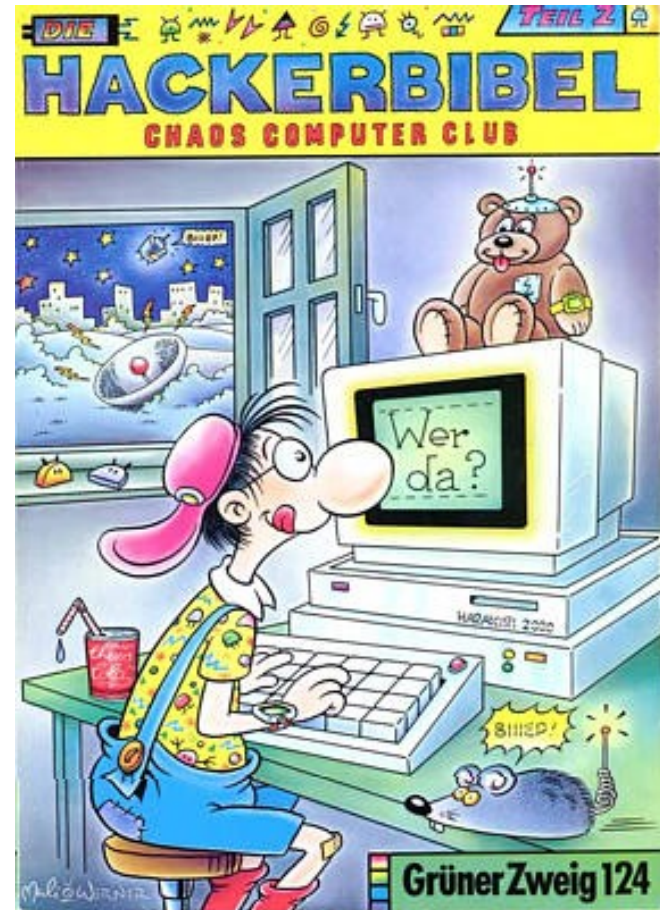
1985

1988

http://www.offiziere.ch/trust-us

Hacker Ethics

- Access to computers – and anything which might teach you something about the way the world works – should be unlimited and total.

WIKIPEDIA
Die freie Enzyklopädie

2001

~ 1750

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HACKER ETHICS

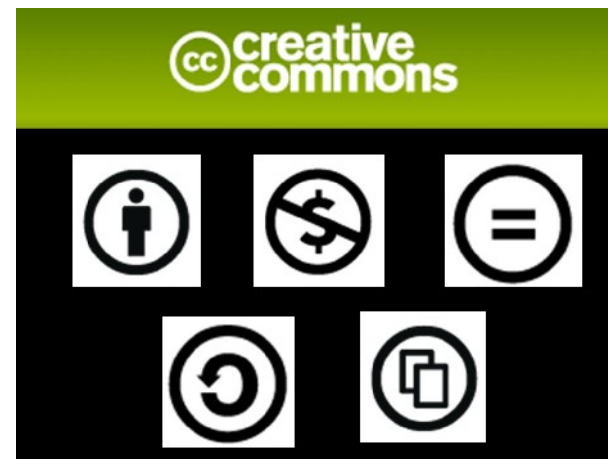**Bernd Fix**   **<bernd@wauland.de>**

Hacker Ethics

- Access to computers – and anything which might teach you something about the way the world works – should be unlimited and total.

- All information should be free.

„ Information wants to be free. Information also wants to be expensive. Information wants to be free because it has become so cheap to distribute, copy, and recombine - too cheap to meter. It wants to be expensive because it can be immeasurably valuable to the recipient.
That tension will not go away **[...]"**
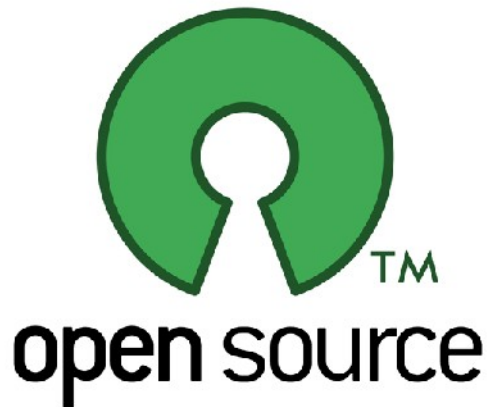
Stewart Brand   (1985)

Hacker Ethics

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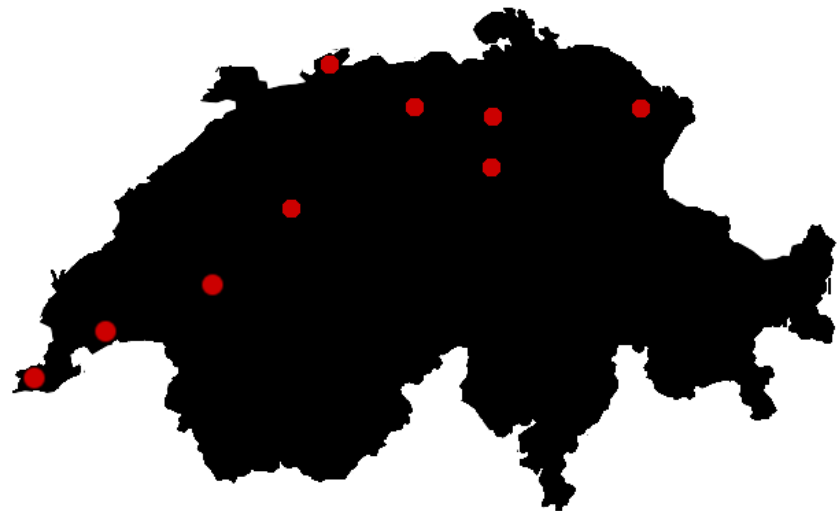
- Mistrust authority – promote decentralization

Hacker Ethics

- Access to computers – and anything which might teach you something about the way the world works – should be unlimited and total.

- All information should be free.

- Mistrust authority – promote decentralization

- Hackers should be judged by their hacking, not criteria such as degrees, age, race, sex, or position.

- You can create art and beauty on a computer

Hacker Ethics

- You can create art and beauty on a computer

Project „Blinkenlights": French National Library Opening (2002)

Hacker Ethics

- Access to computers – and anything which might teach you something about the way the world works – should be unlimited and total.

- All information should be free.

- Mistrust authority – promote decentralization

- Hackers should be judged by their hacking, not criteria such as degrees, age, race, sex, or position.

- You can create art and beauty on a computer

- Computers can change your life for the better

- [CCC] *Don't mess with other people's data*

- [CCC] ***Utilize public information, protect private information.***

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Hacker Ethics   (CCC Focus)

- Mistrust authority – promote decentralization

- *Utilize public information,   protect private information.*

Freedom of Information

Informational Self-Determination

Hacker Ethics 2.0   (WHS)

- ***Informational Self-Determination***
  = „sovereignty over your own data"   (BVG court decision „Census'87")

    - Cryptography as libertarian tool for everyone

    - Political implications, relationship between government and people

    - Maintaining anonymity on the Internet

- ***Freedom of Information***

    - „Freedom of Information Act" (FoIA) / „Transparency laws"

    - Access to public information (OpenData initiative)

    - By-passing active and passive censorship

  Wait, important things are missing here ...

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HACKER ETHICS

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Hacker Ethics 2.0   (WHS)

- *Informational Self-Determination*

- *Freedom of Information*

- *Freedom of Communication*

- *Respect and Responsibility*

- *Caring and Sharing*

Hacker Ethics 2.0   (WHS)

- **_Informational Self-Determination_**

- **_Freedom of Information_**

- **_Freedom of Communication_**

    - Right to free and unhampered communication world-wide

Heinrich von Stephan
(1831 - 1897)

versus

Leopold I. von Taxis
(1522 - 1612)

Hacker Ethics 2.0   (WHS)

- ***Informational Self-Determination***

- ***Freedom of Information***

- ***Freedom of Communication***

- ***Respect and Responsibility***

  - Respect the information rights of other people

  - Educate people about their rights and responsibilities

  - Help people to exercise their information rights – especially if they can't do it themself.

Hacker Ethics 2.0   (WHS)

- *Informational Self-Determination*

- *Freedom of Information*

- *Freedom of Communication*

- *Respect and Responsibility*

- *Caring and Sharing*

    - Share your applications and algorithms with everyone –
      under a „Free/Libre Open-Source Software" (FLOSS) license
    - Share your creative works with everyone –
      under a „Creative Commons" (CC) license
    - Share your knowledge with everyone – especially with kids!

Hacker Ethics 2.0   (draft)

Freedom of Information

Access to computers – and anything which might teach you something about the way the world works – should be unlimited and total.

- You all are possessors of the human knowledge and nobody can be its owner. You have the right to free access to this knowledge; your rights can't be restricted by property claims (patents).

- All information that is generated, related to or finan-ced by a community of people must be publically accessable; your transparency rights can't be re-stricted by censorship or claim of official secret.

Freedom of Information

- You have the right to free and unhampered communication and information exchange.

- You have the right to communicate confidentially.

- You have the right to be incoomunicado.

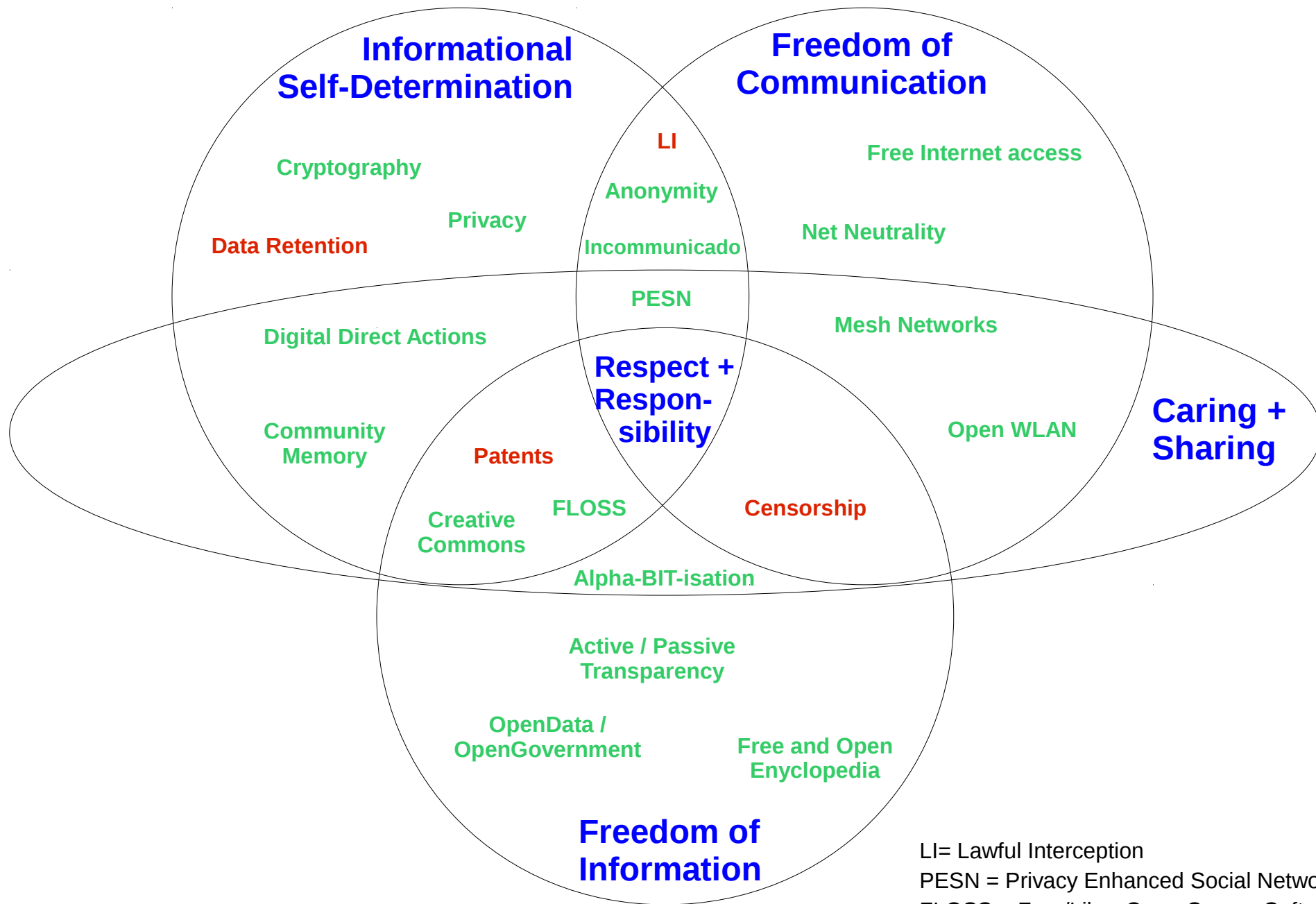## Informational Self-Determination

- You have unlimited sovereignty over your own data.

- You have the right to stay anonymous in communication and internet access.

Sharing and Caring

- Share your programs and algorithms with everyone under a free/libre open-source license.

- Share your art and media with everyone under a creative commons license.

- Share your knowledge with everyone – especially kids.

Respect and Responsibilty

- Respect the information rights of others as much as your own. Educate and help others to exercise these rights.

- Judge co-hackers by their hacking, not criteria such as degrees, age, race, sex, or position.

- Mistrust authority – promote decentralization.

Informational Self-Determination

Freedom of Communication

Cryptography

LI

Free Internet access

Privacy

Anonymity

Data Retention

Incommunicado

Net Neutrality

PESN

Digital Direct Actions

Mesh Networks

Respect + Respon-sibility

Community Memory

Caring + Sharing

Patents

Open WLAN

Creative Commons

FLOSS

Censorship

Alpha-BIT-isation

Active / Passive Transparency

OpenData / OpenGovernment

Free and Open Enyclopedia

Freedom of Information

LI= Lawful Interception
PESN = Privacy Enhanced Social Networks
FLOSS = Free/Libre Open-Source Software

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HACKER ETHICS

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THANK YOU FOR YOUR ATTENTION.

ANY QUESTIONS?

BERND FIX

WAU HOLLAND STIFTUNG